

PRIOR ART

FIG. 1

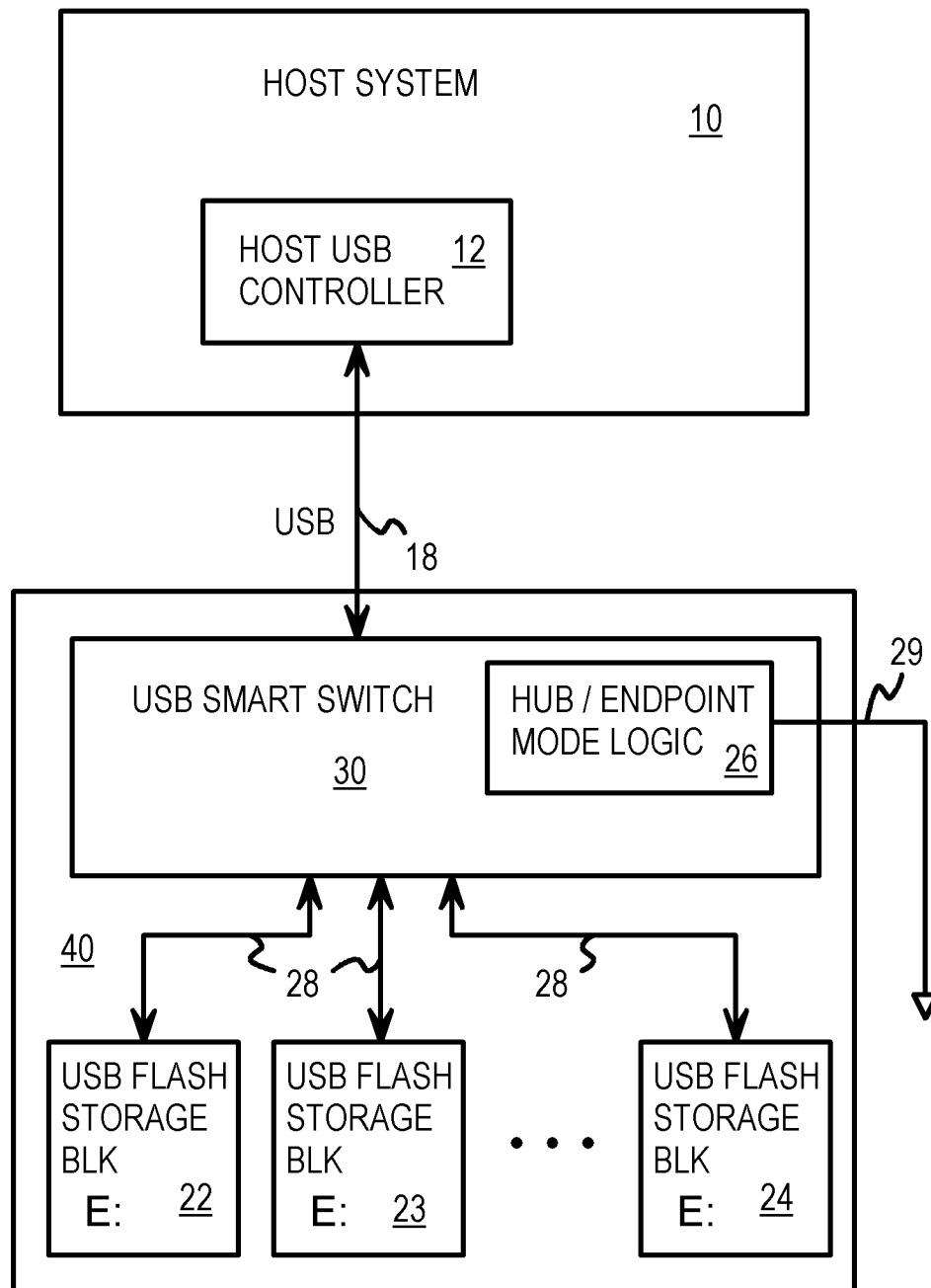


FIG. 2

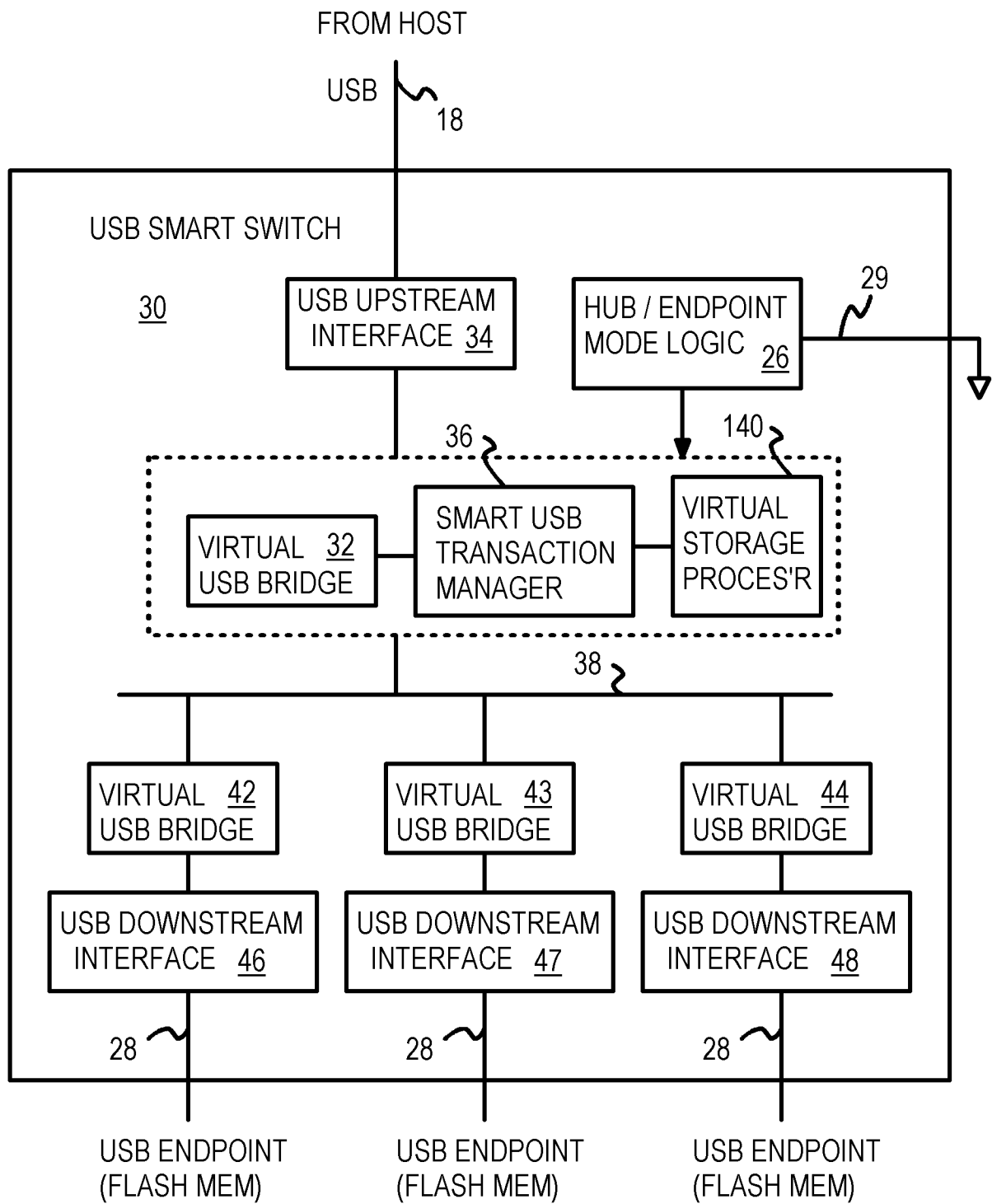
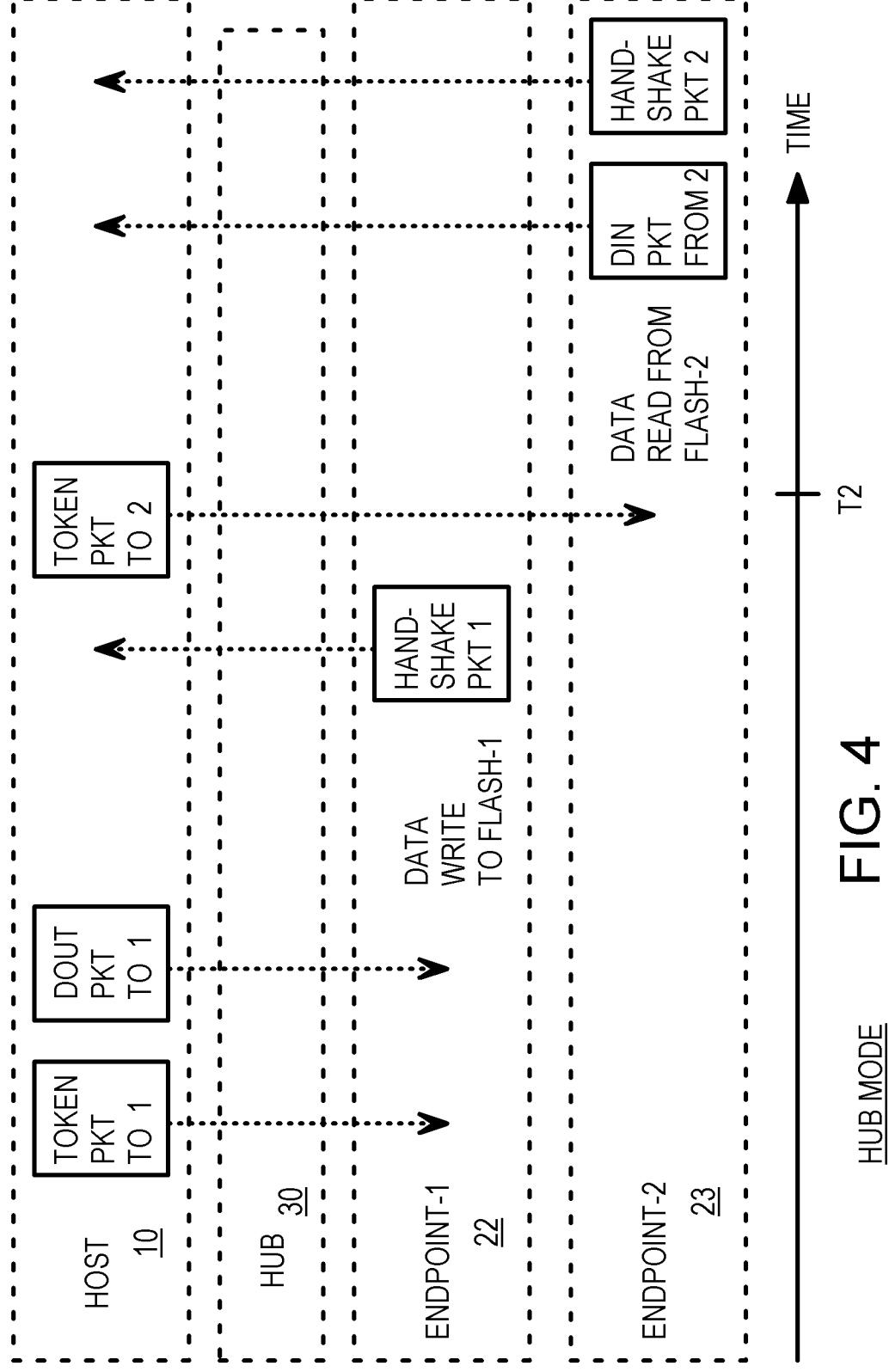
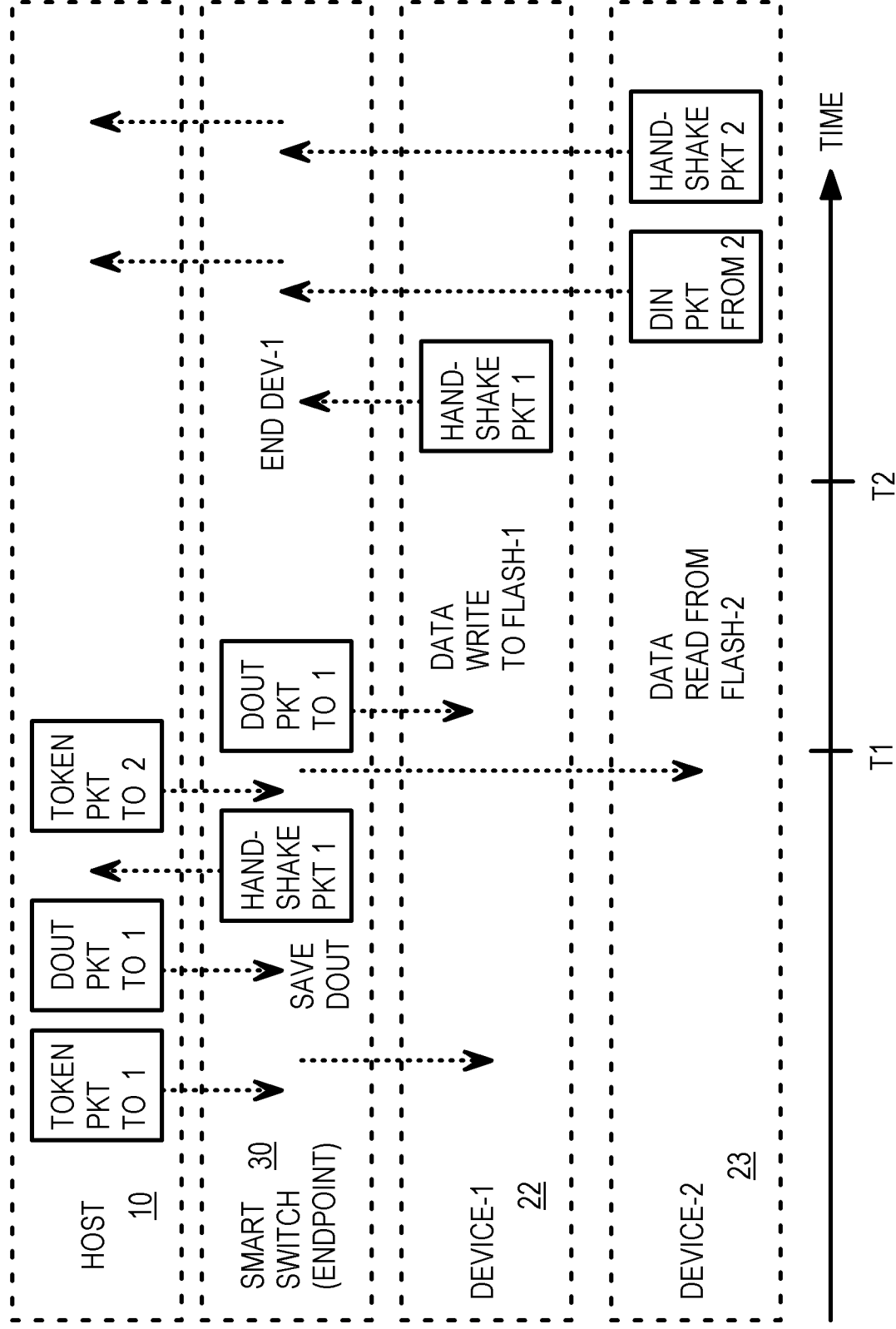


FIG. 3



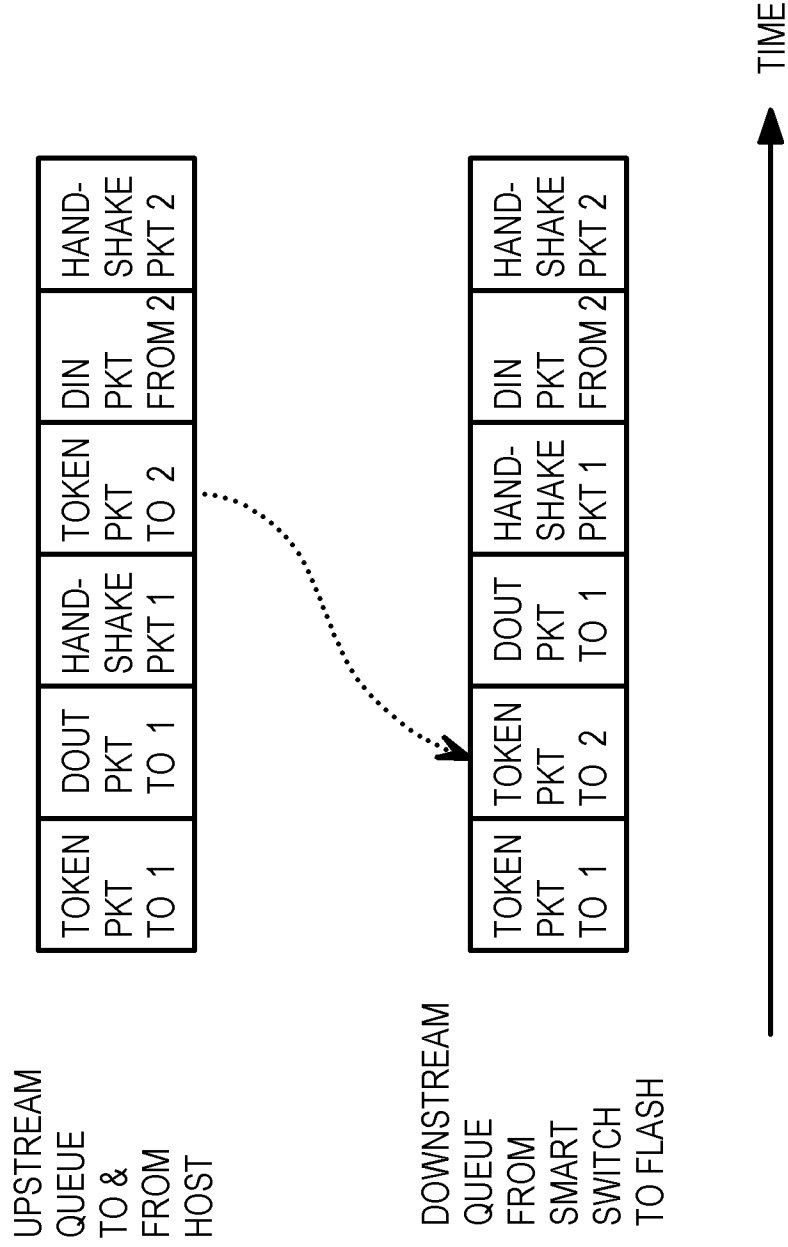
**FIG. 4**

HUB MODE



SINGLE-ENDPOINT SWITCH MODE

FIG. 5



SINGLE-ENDPOINT SWITCH MODE

FIG. 6

NEXT TRANS. 1ST TRANS.		RD SEG A M N		RD SEG B M N		WR SEG A M N		WR SEG B M N	
RD SEG A	ADR: M	X	R	R	R	X	R	R	R
	ADR: N	R	X	R	R	R	X	R	R
RD SEG B	ADR: M	R	R	X	R	R	R	X	R
	ADR: N	R	R	R	X	R	R	R	X
WR SEG A	ADR: M	X	R	R	R	X	R	R	R
	ADR: N	R	X	R	R	R	X	R	R
WR SEG B	ADR: M	R	R	X	R	R	R	X	R
	ADR: N	R	R	R	X	R	R	R	X

R = RE-ORDER TOKEN PACKETS  
X = DON'T RE-ORDER TOKEN PACKETS

FIG. 7

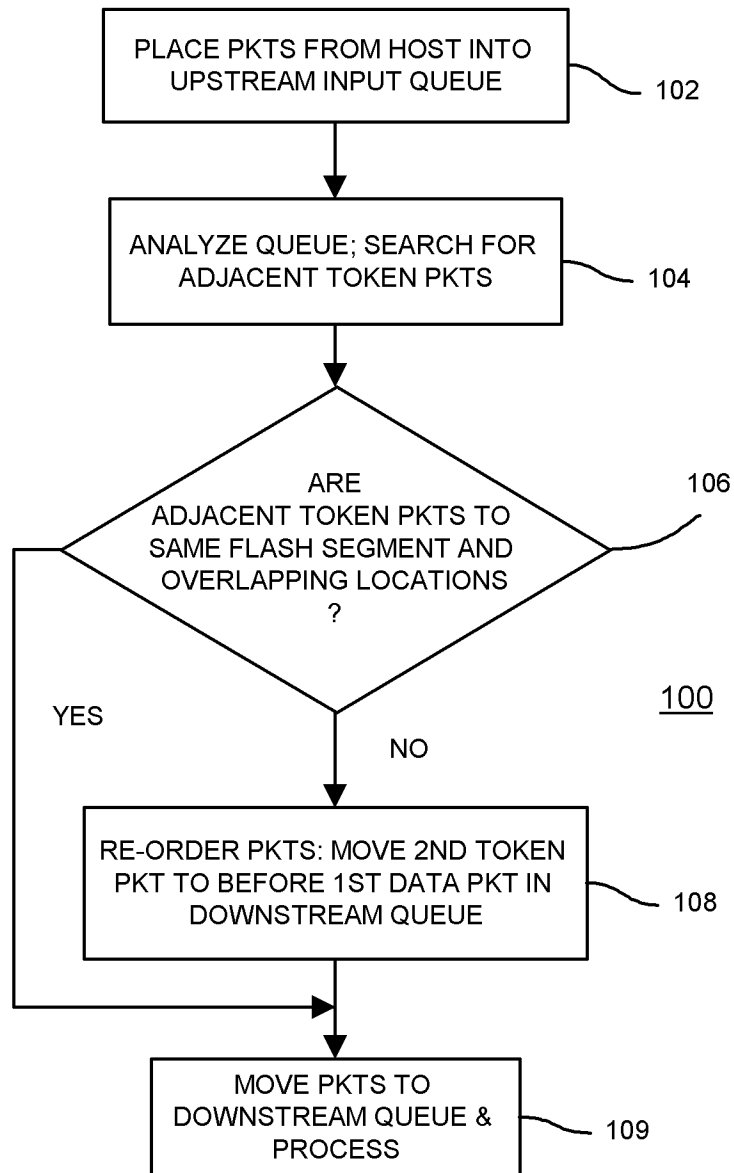
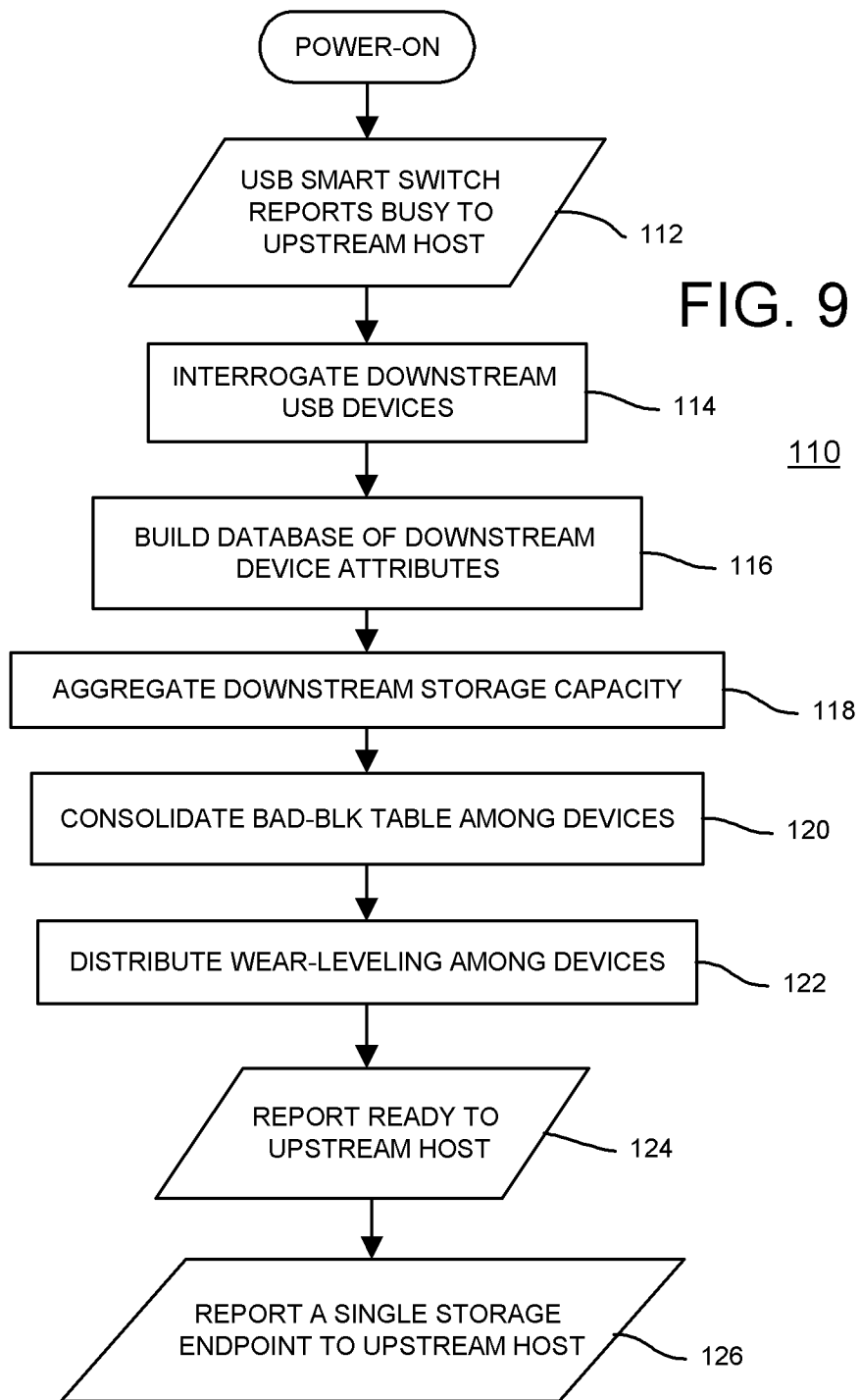
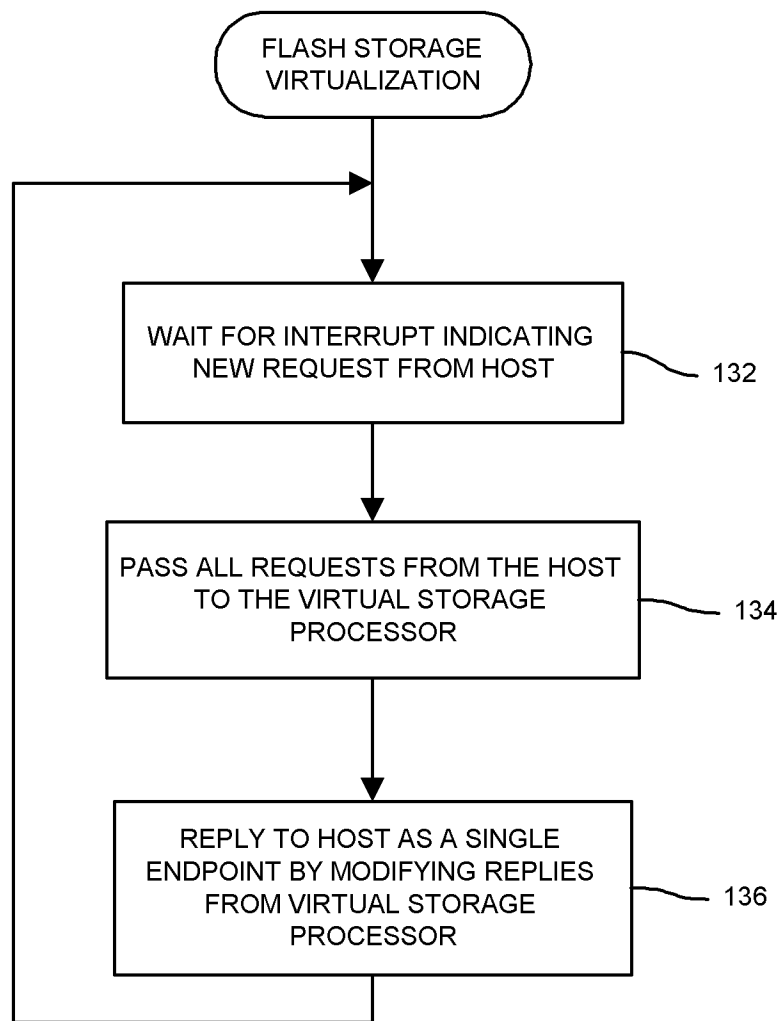


FIG. 8







130

FIG. 10

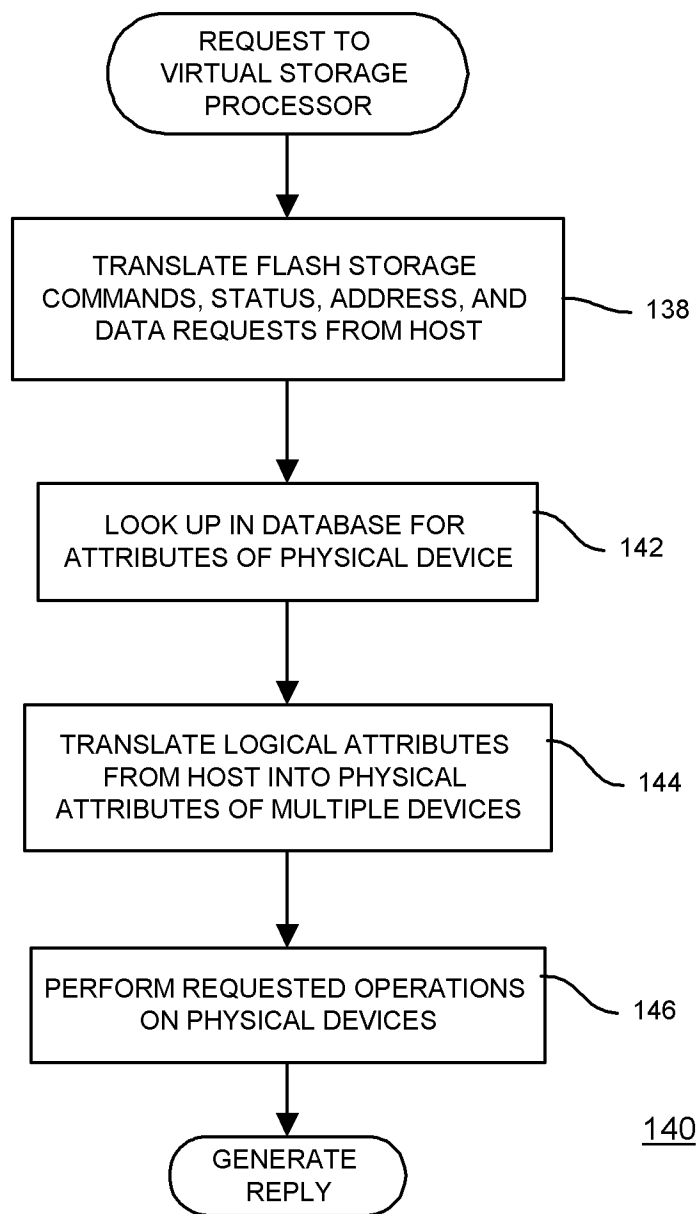


FIG. 11

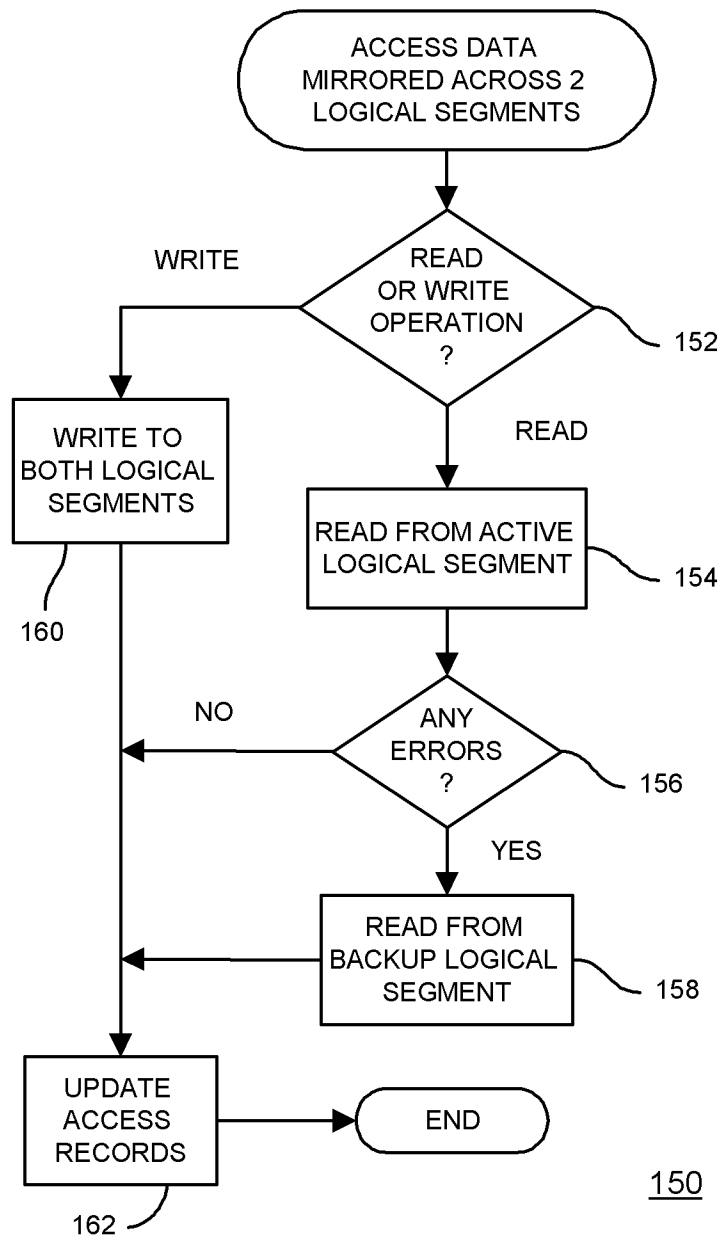


FIG. 12

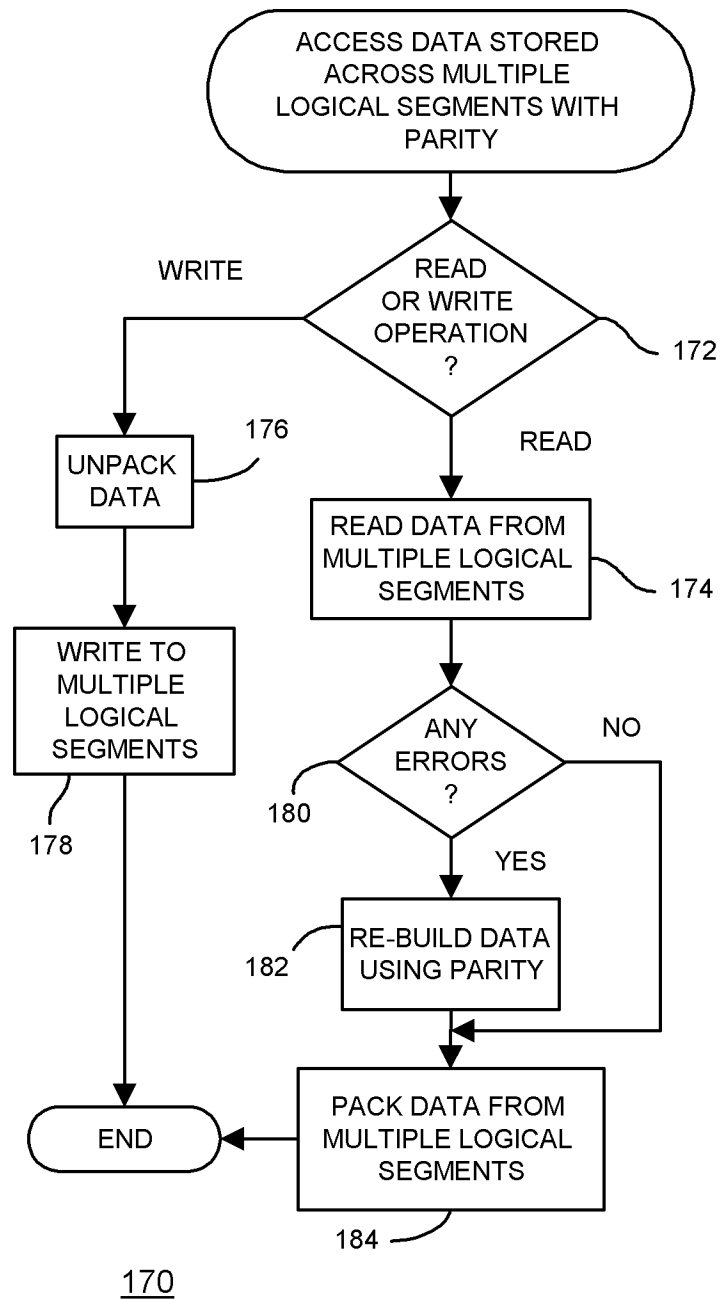


FIG. 13

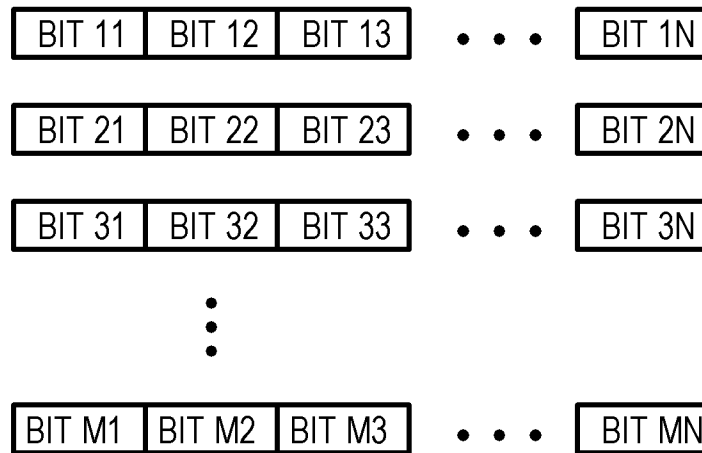


FIG. 14A

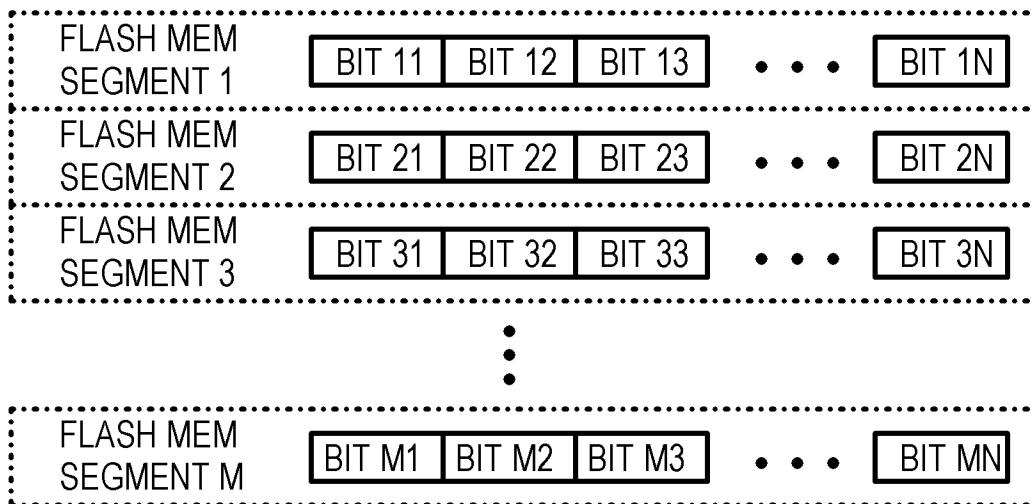


FIG. 14B

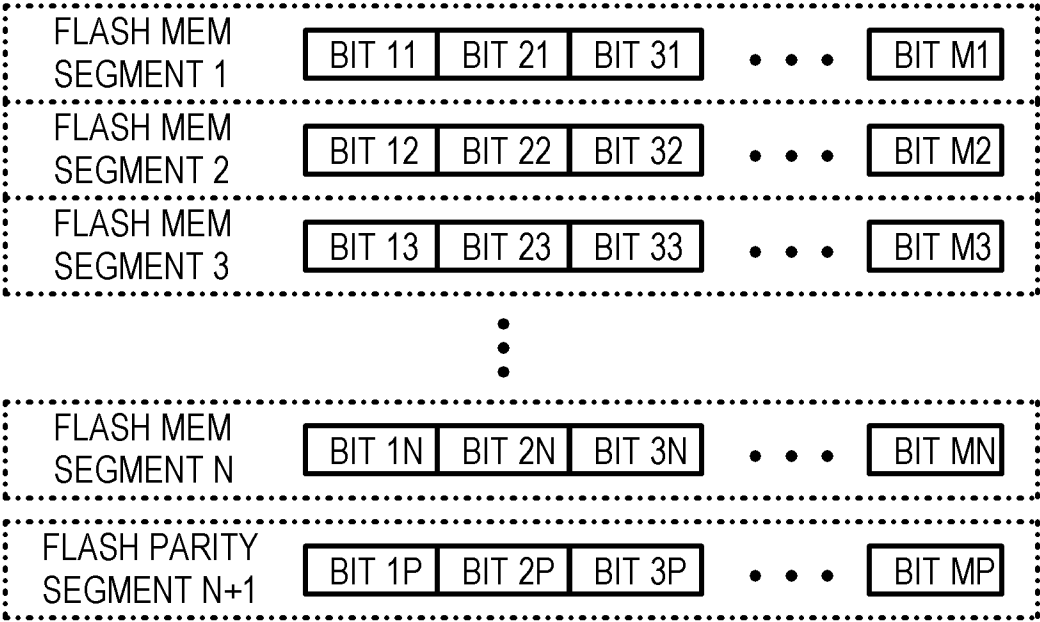


FIG. 14C